

Appl. No. : **10/760,101**
Filed : **January 16, 2004**

AMENDMENTS TO THE CLAIMS

Please withdraw Claims 14-17.

1. (Original) A wall/roof polisher comprising a lifting platform and a polishing unit installed on said lifting platform.

2. (Original) The wall/roof polisher as in claim 1, wherein said polisher is featured with: said lifting platform comprises an underplate, rails fixed on said underplate, and a motor that lifts the rails; said polishing unit is fitted over said rails.

3. (Original) The wall/roof polisher as in claim 2, wherein said polisher is featured with: said polishing unit is a sliding rack comprising a polishing cylinder; said sliding rack is fitted over said rails.

4. (Original) The wall/roof polisher as in claim 2, wherein said polisher is featured with: said polishing unit is a polishing cylinder with a built-in motor; said polishing cylinder is fitted over said slide rails directly.

5. (Original) The wall/roof polisher as in claim 1, wherein said polisher is featured with: said lifting platform is a fixed part comprising a seat, a top plate, several upright post parallel to each other between the seat and the top plate, and moving pulleys under the seat; said polishing unit is a sliding part comprising an upper support plate, a lower support plate, a polishing cylinder; and 2 support posts and 2 slide rail rails mounted in parallel between said support plates; said rear support posts pass through the top plate of said fixed part.

6. (Original) The wall/roof polisher as in claim 1, wherein said polisher is featured with: a motor is mounted on said lifting platform to drive the polishing unit; said polishing unit comprises a polishing cylinder, a protection hood that is outside of said polishing cylinder and may turn 90°, and a motor that drives the polishing cylinder.

7. (Original) The wall/roof polisher as in claim 6, wherein said polisher is featured with: positioning pulleys are mounted in the notch direction of said protection hood.

8. (Original) The wall/roof polisher as in claim 7, wherein said polisher is featured with: positioning/limiting poles are mounted at edge and/or top of the underplate of said lifting platform.

9. (Original) The wall/roof polisher as in claim 8, wherein said polisher is featured with: there is a bearing baffle plate at each side of said polishing cylinder; a sliding block is

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mounted at outer side of each bearing baffle plate; said sliding blocks are in said slide rails and can slide in said slide rails; there are springs in said sliding blocks.

10. (Original) The wall/roof polisher as in claim 9, wherein said polisher is featured with: said polishing cylinder is a sandstone disk/sandpaper cylinder or a metal cylinder; said sandpaper cylinder is a elastic mass.

11. (Original) The wall/roof polisher as in claim 8, wherein said polisher is featured with: said polishing cylinder is a sandstone disk/sandpaper cylinder or a metal cylinder; said sandpaper cylinder is a elastic mass.

12. (Original) The wall/roof polisher as in claim 10, wherein said polisher is featured with: said elastic mass is a cylinder formed through covering a elastic gum on a bushing or pulling a plurality of springs between the fixing disks of a cylinder; there are a plurality of iron rings fixed to the springs in said cylinder.

13. (Original) The wall/roof polisher as in claim 5, wherein said polisher is featured with: there are pulleys mounted under upper support plate of said polishing unit: two lifting pulleys are at the sides, two deflecting pulleys are in the middle, and another lifting pulleys is between the two deflecting pulleys; two lifting pulleys are mounted under the top plate of said fixed part; a lifting pulley is mounted on the lower support plate of said sliding part; two steel ropes are suspended at ends of the sandstone disk frame, and said steel ropes pass through said a plurality of pulleys and enter into cable rollers at sides of the motor on the seat; the sandstone disk frame is driven by the motor on the seat to slide in the slide rails and the sliding part slides along the posts of said fixed part.

14. (Withdrawn) A mini wall polisher comprising 2 parts: motor part and polishing sandstone disk fixed on said motor; said sandstone disk is protected with a safety protection hood, which has two positioning surfaces, adjusting channels, and nuts at the bottom.

15. (Withdrawn) The mini polisher as in claim 14, wherein said polisher is featured with: there are dust pipes at said sandstone drums; the protrusion length of said dust pipes is equal to the diameter of said sandstone drum; said dust pipes run into said motor part and are connected to a hose to an external fan.

16. (Withdrawn) The mini polisher as in claim 14, wherein said polisher is featured with: said dust pipes are converged to a main pipe at the motor part and the main pipe is connected to the external fan.

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17. (Withdrawn) The mini polisher as in claim 14, wherein said polisher is featured with: there are grooves on the inner walls of said dust pipes.